

Technical drawing of a mechanical assembly, showing a cross-section and a plan view.

Cross-section (SECTION I - I): This view shows the internal structure of the assembly. Key components labeled include:

- 1:** The main body or housing.
- 2:** A central shaft or rod.
- 3:** A component at the top, possibly a cap or seal.
- 4:** A component on the right side, possibly a support or guide.
- 5:** A component on the left side, possibly a support or guide.
- 6:** A component in the center, possibly a bearing or bush.
- 7:** A component at the bottom, possibly a base or support.
- 8:** A component on the right side, possibly a support or guide.
- 12:** A component at the top, possibly a cap or seal.

The cross-section is labeled "SYMMETRICAL ABOUT ϕ " (center of gravity).

Plan View: This view shows the top-down layout of the assembly. Key components labeled include:

- 1:** The main body or housing.
- 2:** A central shaft or rod.
- 3:** A component at the top, possibly a cap or seal.
- 7:** A component on the left side, possibly a support or guide.
- 8:** A component on the right side, possibly a support or guide.
- 12:** A component at the top, possibly a cap or seal.

The plan view is labeled "PLAN VIEW".

~~INTERNALLY RESILIENT HE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE~~

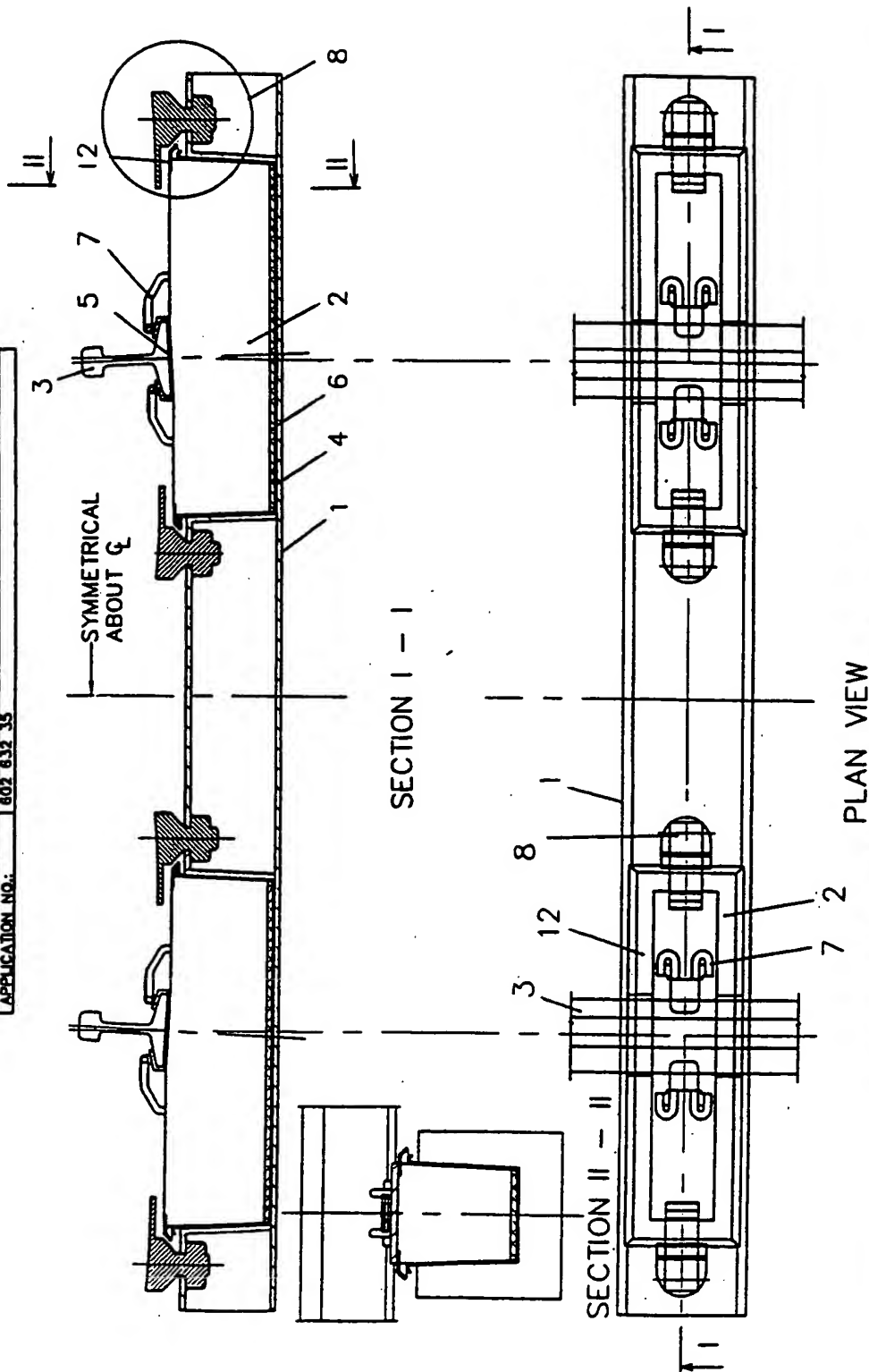
~~E i c 1~~

~~NOT TO SCALE~~

19.

TIE BLOCK RETAINER AND TIE BLOCK SLEEVES
(FOR RAILWAY TIES WITH INSERTED BLOCKS)

TITLE OF THE INVENTION	INTERNALLY RESILIENT TIE FOR RAILWAY TRACKS
INVENTOR'S NAME	JAN H. ZICH, P.E.
INVENTOR'S TEL. NO.	201 322 5211
APPLICATION NO.	801 832 33

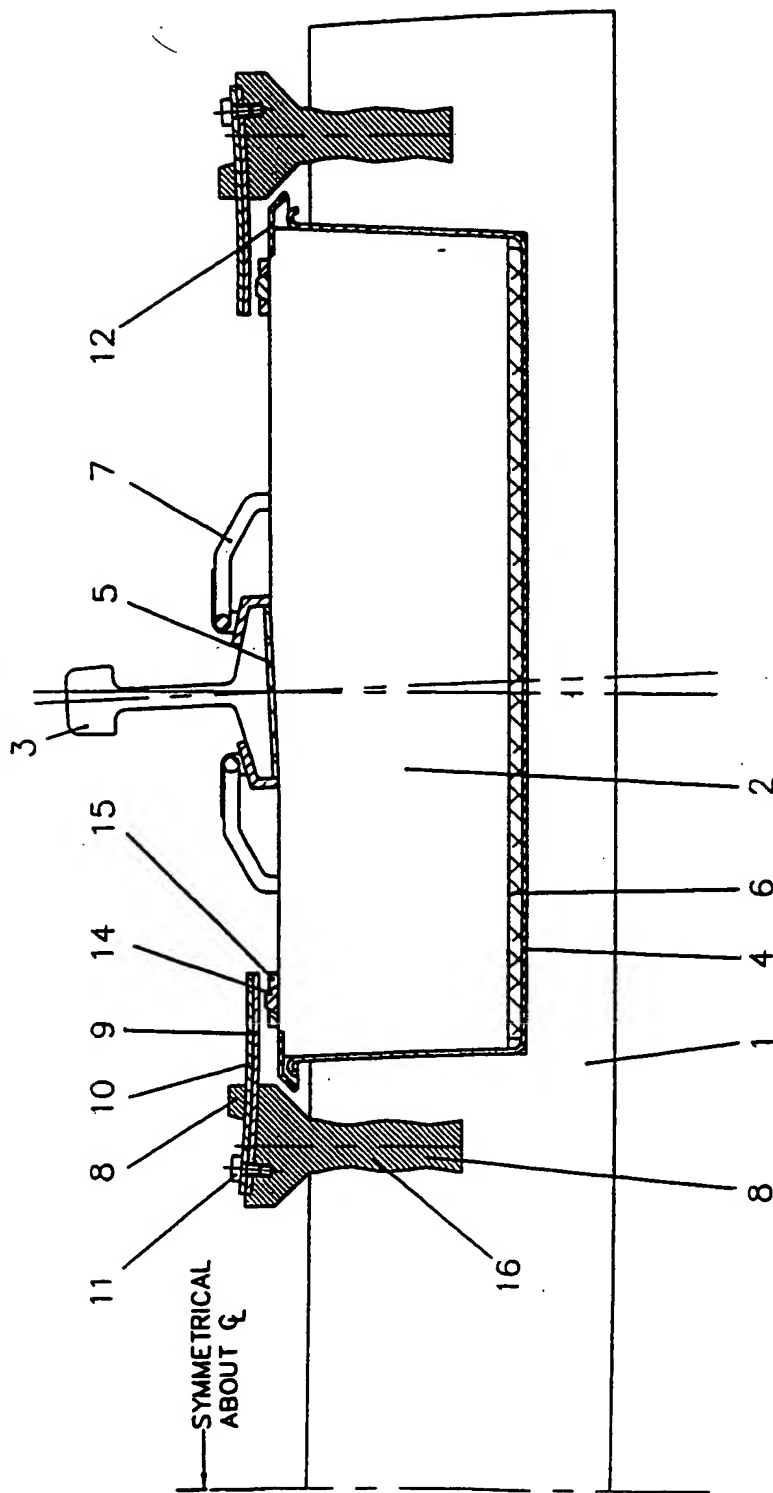


INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
NOT TO SCALE

Fig. 2

TIE BLOCK RETAINER AND TIE BLOCK SLEEVE
FOR RAILWAY TIES WITH INSERTED BLOCKS

TITLE OF THE INVENTION INTERNALLY-RESILIENT TIE FOR RAILWAY TRACK	
INVENTOR'S NAME JAN. H. ZICHIA, P.E.	
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APPLICATION NO. 802 832 35	



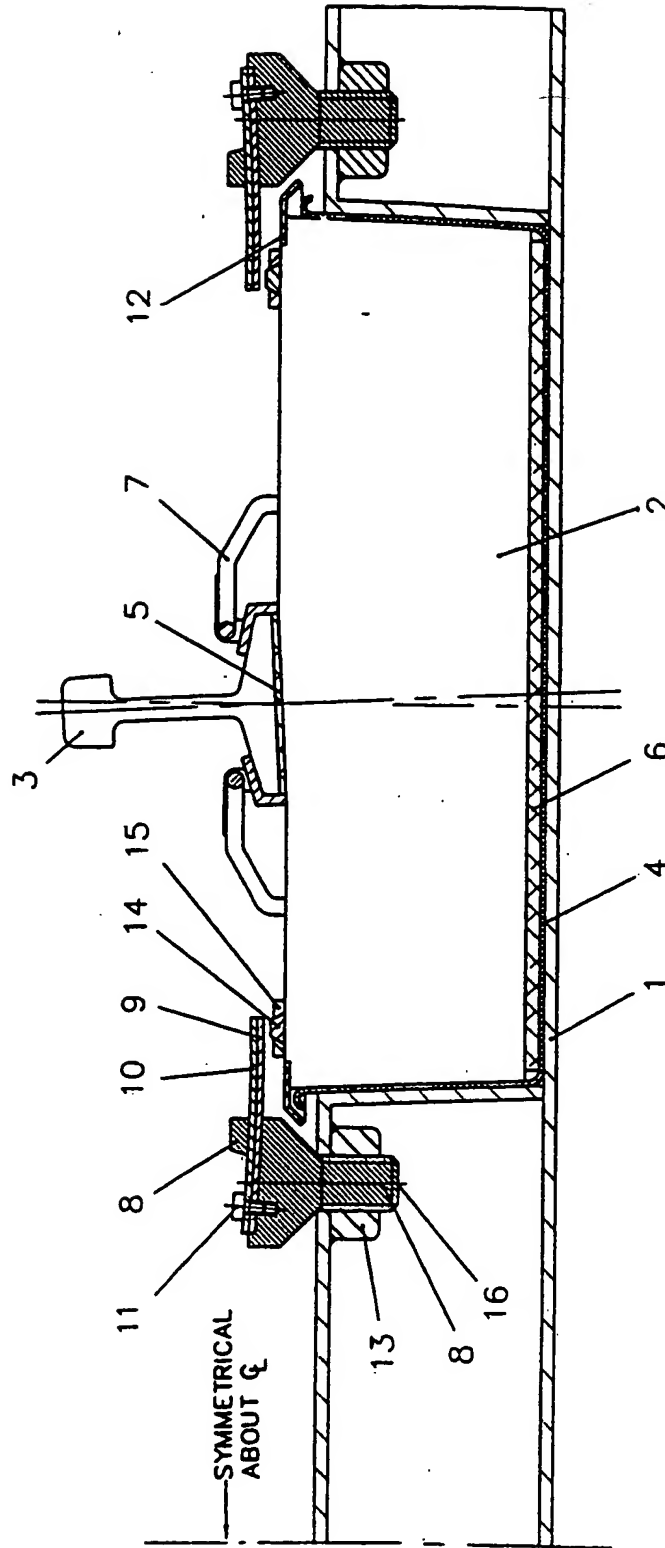
DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF F i g. 1

INTERNALLY RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND CONCRETE CASE
NOT TO SCALE

F i g. 3

TIE BLOCK RETAINER AND TIE BLOCK SLEEVE
FOR RAILWAY TIES WITH INSERTED BLOCKS

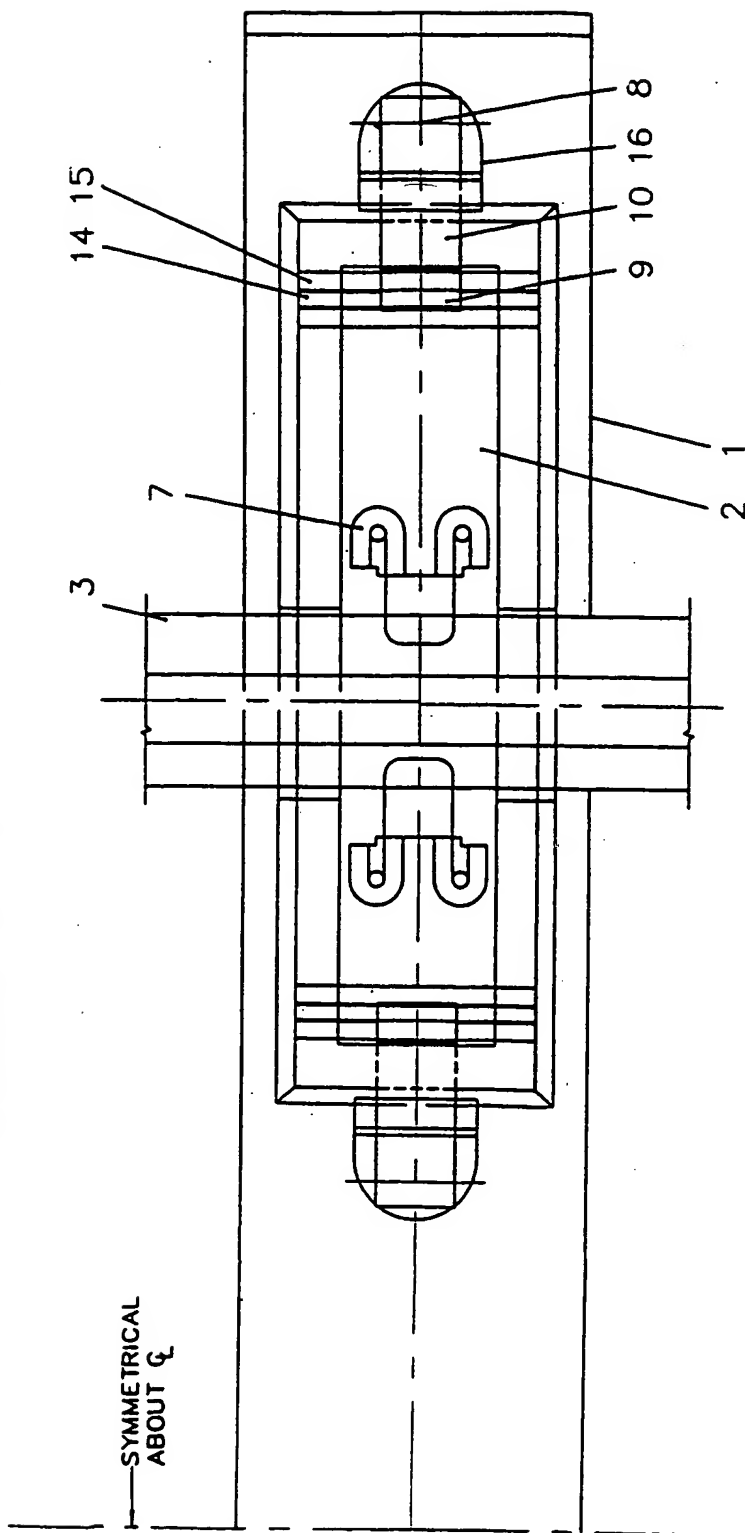
TITLE OF THE INVENTION	INTERNALLY-RESILIENT TIE FOR RAILWAY TRACKS
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DETAIL OF SECTION I - I SHOWING BLOCK RETAINER OF Fig. 2
INTERNALLY-RESILIENT TIE WITH INDEPENDENT BOOTED BLOCKS AND STEEL CASE
NOT TO SCALE
Fig. 4

TIE BLOCK RETAINER AND TIE BLOCK SLEEVE
(FOR RAILWAY TIES WITH INSERTED BLOCKS)

TITLE OF THE INVENTION		INTERNALLY RESILIENT TIE FOR RAILWAY TRACK
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PLAN VIEW RELEVANT TO BLOCK RETAINERS OF Fig. 1 AND Fig. 2

~~INTERNALLY RESILIENT TIE WITH INDEPENDENT
BOOTED BLOCKS AND CONCRETE OR STEEL CASE
NOT TO SCALE~~ Fig. 5